



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gary A. Demos  
Serial No.: 09/905,039  
Filed : July 12, 2001  
Title : METHOD AND SYSTEM FOR IMPROVING COMPRESSED IMAGE  
CHROMA INFORMATION

Art Unit: 2613  
Examiner: Y. Young Lee

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information  
Disclosure Statement and documents listed on form PTO-1449.

Kindly accept this Information Disclosure Statement under  
Rule 97(c)(2). The rule 17(p) certification fee of \$180 is  
enclosed.

The documents cited on the Forms PTO-1449 are in the  
English language, with the exception of items noted below.  
Items CH (JP06165150), CI (JP06350995) and CJ (JP11239351) are  
in the Japanese language, and are provided with English language

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this  
correspondence is being deposited with the  
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03/07/2006 AKELECH1 00000039 09905039

01\*FC:1806

180.00 OP

March 3, 2006

Date of Deposit

Signature

*Kelly M. Smith*

Kelly M. Smith

Typed or Printed Name of Person Signing  
Certificate

abstracts (items CQ, CY and CX respectively). Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items are necessary.

Applicant makes known to the Examiner the following U.S. application, which is commonly owned and/or has one or more inventors in common:

U.S.S.N.	Filing Date	Docket No.
09/442,595	11/17/1999	07314-004003

Applicant also makes known to the Examiner, Foreign Office Actions received for the corresponding Foreign applications. The corresponding Foreign applications and the communications received are listed below.

<u>Foreign Appln. No.</u>	<u>Country</u>	<u>Attorney Dkt No.</u>	<u>Status</u>	<u>Foreign Communications</u>
2245172	Canada	07314- 004CA1	Issued	1ST Office Action 06/02/03
97193217.4	China	07314- 004CN1	Published	1st Office Action 12/26/03; 2nd Office Action 12/17/04; 3rd Office Action 05/27/05; Notice of Interview issued on 08/15/05
97903871.8	Europe	07314- 004EP1	Pending	Partial ESR 01/21/99; Supp ESR 02/28/01
09-527690	Japan	07314- 004JP1	Pending	Office Action 01/11/05

<u>Foreign Appln. No.</u>	<u>Country</u>	<u>Attorney Dkt No.</u>	<u>Status</u>	<u>Foreign Communications</u>
98-705826	South Korea	07314-004KR1	Issued	Office Action 05/31/04
98 6108	Mexico	07314-004MX1	Published	Office Action 01/27/04
US97/00902	WIPO	07314-004WO1	National Phase	International Search Report 05/08/97; International Preliminary Examination Report 10/13/98; PCT Written Opinion 01/30/98
PCT/US02/18884	WIPO	07314-007WO1	National Phase	International Search Report 12/06/02
02805857.7	China	07314-009CN1	Published	1st Office Action issued on 05/13/05
PCT/US02/06078	WIPO	07314-009WO1	National Phase	International Search Report 09/11/03; International Preliminary Examination Report 02/20/04; International Search Report 04/09/04
02746990.7	Europe	07314-012EP1	Published	Supplemental European Search Report 12/16/05
US02/22063	WIPO	07314-012WO1	Pending	International Search Report 01/15/03; International Preliminary Examination Report 06/14/04

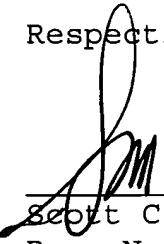
<u>Foreign Appln. No.</u>	<u>Country</u>	<u>Attorney Dkt No.</u>	<u>Status</u>	<u>Foreign Communications</u>
02813792.2	China	07314- 013CN1	Published	1st Office Action issued on March 11, 2005
PCT/US02/22205	WIPO	07314- 013WO1	National Phase	International; Search Report on 01/28/03; Written Opinion on 04/02/03; International Preliminary Examination Report 03/02/04
3813/DELP/2004	India	07314- 015IN1	Pending	1st Office Action issued 12/09/05
200405790-7	Singapore	07314- 015SG1	Pending	Office Action issued on 10/19/05 (with Australian Search Report 09/23/05)
PCT/US03/20397	WIPO	07314- 015WO1	National Phase	International Search Report 01/10/03

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit  
Account No. 06-1050.

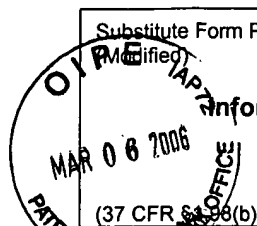
Respectfully submitted,

Date: 3/3/06

  
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Substitute Form PTO-1449 Modified 	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07314-013001	Application No. 09/905,039
	<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		
	Applicant Gary A. Demos		Filing Date July 12, 2001

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,903,317	2/20/1990	Wu Zhixiong et al.			
	AB	5,408,270	4/18/1995	Lim, Jae S.			
	AC	5,438,374	8/1/1995	Yan, Li			
	AD	5,442,407	8/15/1995	Iu, Siu-Leong			
	AE	5,446,498	8/29/1995	Boon, Choong S.			
	AF	5,465,119	11/7/1995	Demos, Gary			
	AG	5,475,435	12/12/1995	Yonemitsu et al.			
	AH	5,661,524	8/26/1997	Murdock et al.			
	AI	5,668,600	9/16/1997	Lee, Min-Sup			
	AJ	5,737,032	4/7/1998	Stenzel et al.			
	AK	5,742,343	4/21/1998	Haskell et al.			
	AL	5,748,903	5/5/1998	Agarwal, Rohit			
	AM	5,812,194	9/22/1998	Wilkinson, James Hedley			
	AN	5,825,421	10/20/1998	Tan, Thiow Keng			
	AO	5,825,680	10/20/1998	Wheeler et al.			
	AP	5,835,498	11/10/1998	Kim et al.			
	AQ	5,852,565	12/22/1998	Demos, Gary E.			
	AR	5,877,754	3/2/1999	Keith et al.			
	AS	5,920,353	7/6/1999	Diaz et al.			
	AT	5,988,863	11/23/1999	Demos, Gary E.			
	AU	6,069,914	5/30/2000	Cox, Ingemar J.			
	AV	6,115,421	9/5/2000	Katta et al.			
	AW	6,163,574	12/19/2000	Yagasaki, Yoichi			
	AX	6,172,768	1/9/2001	Yamada et al.			
	AY	6,215,824	4/10/2001	Assuncao, Pedro A.			
	AZ	6,236,727	5/22/2001	Ciacelli et al.			
	BA	6,268,886	7/31/2001	Choi, Seung Jong			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07314-013001	Application No. 09/905,039
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gary A. Demos	
		Filing Date July 12, 2001	Group Art Unit 2613

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	6,301,304	10/9/2001	Jing et al.			
	BC	6,327,602	12/4/2001	Kim, Young-No			
	BD	6,332,194	12/18/2001	Bloom et al.			
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	BG	6,442,203	8/27/2002	Demos, Gary E.			
	BH	6,507,615	1/14/2003	Tsujii et al.			
	BI	6,629,104	9/30/2003	Parulski et al.			
	BJ	6,650,708	11/18/2003	Ohgose, Hideyuki			
	BK	6,654,417	11/25/2003	Hui, Yau Wei Lucas			
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	BM	6,728,317	4/27/2004	Demos, Gary A.			
	BN	6,816,552	11/9/2004	Demos, Gary A.			
	BO	6,957,350	10/18/2005	Demos, Gary A.			
	BP	2001/0028725	10/11/2001	Nakagawa et al.			
	BQ	2002/0186766	12/12/2002	Adelaide, Joseph			
	BR	2003/0112871	6/19/2003	Demos, Gary A.			
	BS	2003/0112873	6/19/2003	Demos, Gary A.			
	BT	2004/0005004	1/8/2004	Demos, Gary, A.			
	BU	2005/0254649	11/17/2005	Demos, Gary, A.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	CA	0511778	11/4/1992	EP				
	CB	0531041	3/10/1993	EP				
	CC	0534350	3/31/1993	EP				
	CD	06165150	6/10/1994	JP'				X*

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	CE	0634871	1/18/1995	EP				
	CF	06350995	12/22/1994	JP				X*
	CG	11239351	8/31/1999	JP				X*
	CH	1369820	12/10/2003	EP				
	BV	2003/007119	1/23/2003	PCT				
	BW	2003/041041	05/15/03	PCT				
	CI	2004/004310	1/8/2004	PCT				
	CJ	2127151	3/22/1995	CA				
	BX	95/004433	2/9/1995	PCT				
	BY	97/28507	08/07/19997	PCT				
	BZ	99/20040	4/22/1999	PCT				

X\* = An English language abstract is provided.

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	DA	"IEEE Standard Specification for the Implementations of 8x8 Inverse Discrete Cosine Transforms," IEEE Std 1180-1990, The Institute of Electrical and Electronics Engineers, Inc.; United States of America, 13 pages (1991)
	CK	Aravind, R. et al., "Packet Loss Resilience of MPEG-2 Scalable Video Coding Algorithms," IEEE Transactions on Circuits and Systems for Video Technology 6(5): 426-435 (October 1996)
	CL	Bloomfield, L., "Copy Protection - déjà vu," Broadcast Engineering 40(11): 14-15 (October 1998)
	CM	Demos, G., "A Comparison of Hierarchical High Definition Imagry Coding Schema,: DemoGraFX Corp. IEEE, pp. 68-75 (1992)
	CN	Demos, G., "An Example Representation for Image Color and Dynamic Range Which is Scalable, Interoperable, and Extensible," 135th Technical Conference, Society of Motion Picture and Television Engineers, October 1993, Los Angeles, CA, 22 pages
	CO	Demos, G., "Temporal and Resolution Layering in Advanced Television," SPIE 2663: 52-68 (November 1995).
	CP	Demos, G., "The Use of Logarithmic and Density Units for Pixels," SMPTE Journal 100(10): October 1990, pp. 805-816 (1990)
	CQ	English language abstract for JP 06165150, published 06/10/1994, entitled: "Dynamic Picture Coding/Decoding Device".
	CR	H.261, ITU-T Telecommunication Standardization Sector of ITU, Line Transmission of non-telephone signals. Video Codec for Audiovisual Services at p X64 kbits, (03/93), 32 pages

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**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	CS	H.263, ITU-T Telecommunication Standardization Sector of ITU, Series H: Audiovisual and Multimedia Systems, Infrastructure of audiovisual services –coding of moving video. Video coding for low bit rate communication, (01/2005), 226 pages
	CT	H.263 Appendix III, ITU-T Telecommunication Standardization Sector of ITU, Series H: Audiovisual and Multimedia Systems, Infrastructure of audiovisual services –coding of moving video. Video coding for low bit rate communication, Appendix III: Examples for H.263 encoder/decoder implementations, (06/2001), 48 pages
	CU	ISO/IEC 14496-2 International Standard, Information technology –coding of audio-visual objects- Part 2: visual, 2nd Editionm 2001-12-01, 536 pages
	CV	ISO/IEC 14496-2 International Standard, Information technology –coding of audio-visual objects- Part 2: visual, 2nd Edition, Amendment 2: Streaming video profile, 2002-02-01, 64 pages
	CW	Lim, Jae S., "A migration path to a better digital television system," SMPTE Journal 103(1): 2-6 (January 1, 1994)
	CX	Patent Abstracts of Japan vol. 1999, no. 13 (November 30, 1999) re: JP 11239351
	CY	Patent Abstracts of Japan, vol. 1995, no. 03 (April 28, 2005) re: JP 06350995
	CZ	Pinkerton, Janet, "Digital video stymied by content protection," Dealscope Consumer Electronics Marketplace, Philadelphia, January 1999, vol. 4, issue 1, pg. 32
	DB	Puri et al., "Temporal Resolution Scalable Video Coding," Image Processing. 1994 International Conference, IEEE, pp. 947-951 (1994)
	DC	Vincent, A., et al., "Spatial Prediction in Scalable Video Coding," International Broadcasting Convention, IEEE Conference Publication No. 413, RAI International Congress and Exhibition Centre, Amsterdam, The Netherlands, 14-18 September 1995, pp. 244-249

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